

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2004/001147

## A. CLASSIFICATION OF SUBJECT MATTER

IPC<sup>7</sup> B26D1/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC<sup>7</sup> B26D1/06,1/04,1/01,3/30,3/20,1/547,1/553,1/50,5/16,5/08, B26B3/00,3/04, A47J17/02,17/00,A21C15/04,5/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Chinese Invention 1985-2003,Chinese Utility Models 1985-2003

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CUT, SHEAR, TRIM, SLICE, PIECE, SHEET, SUBDIVIDE, RECIPROcate, ECCENTRIC, CAM, HANDLE, 手柄,  
把手, 摆柄, 摆杆, 摆把, 切, 削, 刨, 片, 往复, 来回, 偏心, 凸轮

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US,A,6145427(Daniel C. Smith)14.Nov 2000 (14.11.00) the whole document	1-6
A	US,A,5690013(David A. Kanarek, etc.)25.Nov 1997 (25.11.97) the whole document	1-6
A	CN,Y,2247588 (QU Xiongwei) 19. Feb 1997 (19.02.97) the whole document	1-6
A	CN,Y,2235364 (LIU Baojian) 18.Sep 1996 (18.09.96) the whole document	1-6
A	CN,U,85201956 (ZHANG Limin) 09.Jul 1986 (09.07.86) the whole document	1-6

Further documents are listed in the continuation of Box C.  See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 10.Mar 2005 (10.03.05)	Date of mailing of the international search report 17 . APR 2005 (17 . 04 . 2005)
Name and mailing address of the ISA/CN 6 Xitucheng Rd, Jimen Bridge, Haidian District 100088 Beijing, China Facsimile No. 86-10-62019451	Authorized officer SUN Jianmei Telephone No. 86-10-62085451

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
PCT/CN2004/001147

US6145427A	14-11-00	CA2192043A	06-06-97
US5690013A	25-11-97	NONE	
CN2247588Y	19-02-97	NONE	
CN2235364Y	18-09-96	NONE	
CN85201956U	09-07-86	NONE	